

SIZE LIMITATIONS
 (Without Special Permits)
 Sections 304.170, 304.190

The maximum height of any vehicle or combination of vehicles including load is dependent upon whether or not the vehicle or combination of vehicles is operated in a commercial zone as defined by **Section 304.190 RSMo**. There are four commercial zones in the State; they include the cities of **Kansas City, Springfield, St. Joseph and St. Louis**.

MAXIMUM HEIGHT OF ANY VEHICLE INCLUDING LOAD IN A COMMERCIAL ZONE.....15 FEET

MAXIMUM HEIGHT OF ANY VEHICLE OUTSIDE A COMMERCIAL ZONE INCLUDING LOAD.....14 feet on interstate and designed highways and 13 1/2 feet on all other highways. (Vehicle transporting motor vehicles14 feet an all highways)

The maximum width of any vehicle or combination of vehicles including load is dependent upon the type of highway the vehicle or combination of vehicles is being operated upon. The Missouri Highway and Transportation Commission has designated and illustrated on an official map the highways which allow legal operation of various width vehicles.*

MAXIMUM WIDTH OF ANY VEHICLE INCLUDING LOAD ON SUPPLEMENTARY HIGHWAYS96 INCHES

MAXIMUM WIDTH OF ANY VEHICLE INCLUDING LOAD ON INTERSTATE AND CERTAIN DESIGNATED HIGHWAYS PLUS A DISTANCE NOT TO EXCEED TEN MILES THEREFROM*102 INCHES

MAXIMUM LENGTH OF ANY SINGLE VEHICLE INCLUDING LOAD45 FEET

(Buses may have a safety bumper that extends 1 foot in front and 1 foot to the rear for an overall length of 45 feet plus safety bumpers.)

The maximum length of a combination of vehicles depends on the type of vehicle combination and the type of highway on which it operates. The Missouri Highway and Transportation Commission has designated certain highways for longer lengths and illustrated them on an official map published by the Missouri Department of Transportation.

MAXIMUM LENGTH OF TRUCK-TRACTOR AND SEMI-TRAILER COMBINATIONS INCLUDING LOAD60 FEET

(May have longer lengths on interstate and designated routes, plus a distance not to exceed ten miles therefrom.*)

MAXIMUM LENGTH FOR A TRUCK-TRACTOR AND SEMI-TRAILER COMBINATION, INCLUDING LOAD, IS LIMITED BY THE LENGTH OF THE SEMI-TRAILER WHICH CAN BE NO MORE THAN 53 FEET. THIS LIMIT APPLIES TO THE INTERSTATE SYSTEM AND DESIGNATED HIGHWAYS, PLUS 10 MILES FROM THOSE ROUTES. THERE IS NO OVERALL LENGTH LIMIT FOR THIS VEHICLE ON THE ROUTES MENTIONED ABOVE.

Those vehicles equipped with a dromedary plate or dromedary box also fall under the same length limit as spelled out above. A dromedary is defined as a box, deck or plate mounted behind the cab and forward of the fifth wheel on the frame of a power unit.

MAXIMUM LENGTH OF TRUCK-TRACTOR, SEMI-TRAILER AND TRAILER COMBINATIONS INCLUDING LOAD ON PRIMARY HIGHWAYS NOT DESIGNATED BY STATE COMMISSION PLUS A DISTANCE NOT TO EXCEED TEN MILES THEREFROM65 FEET

(No overall length limit on interstate and highways designated by the State Highway and Transportation Commission plus a distance not to exceed ten miles therefrom.*)

MAXIMUM LENGTH FOR A TRUCK-TRACTOR, SEMI-TRAILER, TRAILER COMBINATION (DOUBLE BOTTOMS), INCLUDING LOAD, IS LIMITED BY THE LENGTH OF THE SEMI-TRAILERS WHICH CAN BE NO MORE THAN 28 FEET. THIS LIMIT APPLIES TO THE INTERSTATE SYSTEM AND DESIGNATED HIGHWAYS, PLUS 10 MILES FROM THOSE ROUTES. THERE IS NO OVERALL LENGTH LIMIT FOR THIS VEHICLE ON THE ROUTES MENTIONED ABOVE. TRAILERS WITH A LENGTH OF 28 1/2 FEET MAY CONTINUE TO BE OPERATED IF A TRAILER OF THAT LENGTH WAS ACTUALLY AND LEGALLY OPERATED IN MISSOURI ON OR BEFORE DECEMBER 1, 1982.

MAXIMUM LENGTH LIMIT FOR TRUCK AND TRAILER COMBINATIONS AND ALL OTHER COMBINATIONS OF VEHICLES NOT PREVIOUSLY SPECIFICALLY ADDRESSED, INCLUDING LOAD, IS 65 FEET. THIS LIMIT APPLIES TO THE INTERSTATE SYSTEM, PRIMARY AND DESIGNATED ROUTES, PLUS 10 MILES FROM THOSE ROUTES. THIS LIMIT APPLIES TO THOSE VEHICLES EQUIPPED WITH FREIGHT CARRYING CAPABILITY (FLAT BED TRUCK, PICKUP TRUCK, ETC.) PULLING TRAILERS AND TO VEHICLES SUCH AS A PICKUP PULLING A CAMPING TRAILER AND A BOAT.

(See truck-tractor and semi-trailer length and truck-tractor semi-trailer and trailer length limits.)

MAXIMUM LENGTH OF TRUCK AND TRAILER(S) AND ALL OTHER COMBINATIONS OF VEHICLES INCLUDING LOAD, EXCEPT TRUCK-TRACTOR AND SEMI-TRAILER COMBINATIONS55 FEET

(Applies on all highways except interstate, primary and routes designated by the State Highway and Transportation Commission plus a distance not to exceed ten miles therefrom.*)

WEIGHT LIMITATIONS
 (Without Special Permit)
 Section 304.180

Missouri highways are designed to support established maximum weights, and excess weight can cause damage to the highways. To protect our State highways, specific weight limitations have been placed on commercial vehicles. The State Highway and Transportation Commission has established weight restrictions according to the types of highways and bridges. The designated highways and bridge limits are illustrated on an official map published by the Missouri Department of Transportation. By law a vehicle or combination of vehicles can be overweight in any of the following ways:

1. THE VEHICLE CAN HAVE TOO MUCH WEIGHT ON ANY SINGLE AXLE.

a. Maximum weight allowed on the interstate system is limited to no more than 20,000 pounds.
 b. Maximum weight allowed on all other highways is limited to no more than 22,000 pounds.
 c. Maximum weight allowed in a commercial zone defined in Section 304.190 RSMo. is limited to no more than 22,400 pounds.
 d. Steering axle weight is subject to the limits listed above, but are also subject to the following:

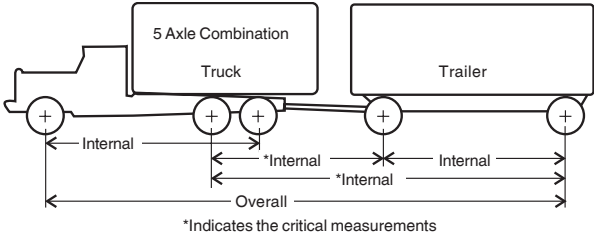
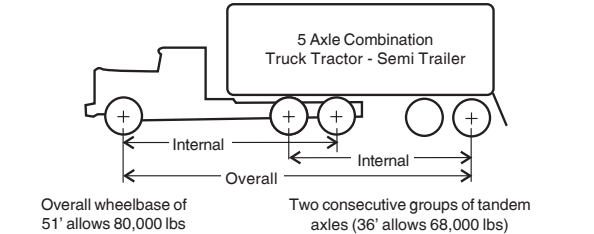
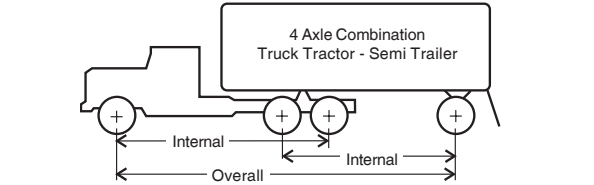
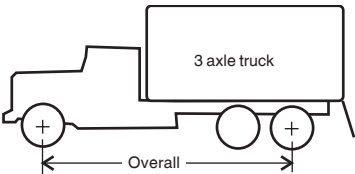
1. manufacturers weight rating for the steering axle
 2. steering axle tire weight rating
2. THE VEHICLE CAN HAVE TOO MUCH WEIGHT ON ANY TANDEM AXLE. A tandem axle is defined as a group of two or more axles, arranged one behind the other, separated by a distance of no less than 40 inches nor more than 96 inches.

a. Maximum weight allowed on the interstate system is limited to no more than 34,000 pounds.
 b. Maximum weight allowed on all other highways is limited to no more than 36,000 pounds.
3. THE VEHICLE CAN HAVE TOO MUCH WEIGHT ON ANY GROUPS OF TWO OR MORE AXLES ON THE INTERSTATE AND ALL OTHER HIGHWAYS. This is determined by use of a table of distances between axles, the number of axles in the group and the maximum gross weight the group of axles can legally carry.

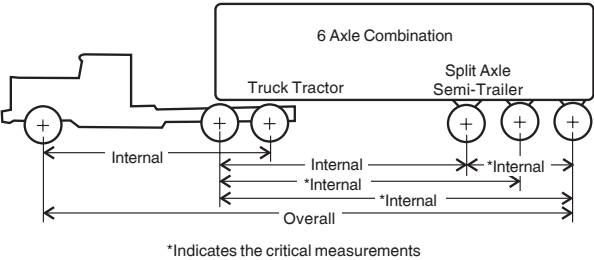
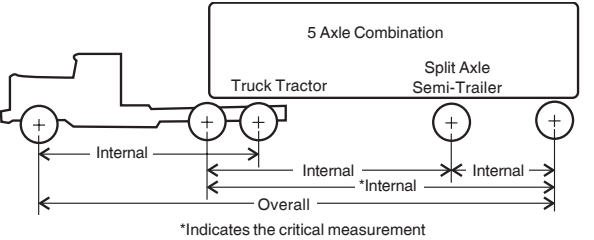
In addition to the weight limits referred to in 1 and 2 above, the allowable weight on the interstate or other highways by any **group of two or more consecutive axles** of any vehicle or combination of vehicles shall not exceed the maximum load in pounds as set forth in the following table.

LEGAL LIMITS ON INTERSTATE, PRIMARY AND OTHER DESIGNATED HIGHWAYS, PLUS 10 MILES THEREFROM ON OTHER ROUTES (EXCEPT IN COMMERCIAL ZONES)						
Distance in feet between the extremes of any group of 2 or more consecutive axles measured to the nearest foot except where indicated otherwise	Maximum Load in Pounds Carried on Any Group of 2 or more Consecutive Axles					
	2 axles	3 axles	4 axles	5 axles	6 axles	
4	34,000					
5	34,000					
6	34,000					
7	34,000					
8	34,000	34,000				
More than 8	38,000	42,000				
9	39,000	42,500				
10	40,000	43,500				
11		44,000				
12		45,000	50,000			
13		45,500	50,500			
14		46,500	51,500			
15		47,000	52,000			
16		48,000	52,500	58,000		
17		48,500	53,500	58,500		
18		49,500	54,000	59,000		
19		50,000	54,500	60,000		
20		51,000	55,500	60,500	66,000	
21		51,500	56,000	61,000	66,500	
22		52,500	56,500	61,500	67,000	
23		53,000	57,500	62,500	68,000	
24		54,000	58,000	63,000	68,500	
25		54,500	58,500	63,500	69,000	
26		55,500	59,500	64,000	69,500	
27		56,000	60,000	65,000	70,000	
28		57,000	60,500	65,500	71,000	
29		57,500	61,500	66,000	71,500	
30		58,500	62,000	66,500	72,000	
31		59,000	62,500	67,500	72,500	
32		60,000	63,500	68,000	73,000	
33			64,000	68,500	74,000	
34			64,500	69,000	74,500	
35			65,500	70,000	75,000	
36			66,000*	70,500	75,500	
37			66,500*	71,000	76,000	
38			67,500*	72,000	77,000	
39			68,000	72,500	77,500	
40			68,500	73,000	78,000	
41			69,500	73,500	78,500	
42			70,000	74,000	79,000	
43			70,500	75,000	80,000	
44			71,500	75,500		
45			72,000	76,000		
46			72,500	76,500		
47			73,500	77,500		
48			74,000	78,000		
49			74,500	78,500		
50			75,500	79,000		
51			76,000	80,000		
52			76,500			
53			77,500			
54			78,000			
55			78,500			
56			79,500			
57			80,000			

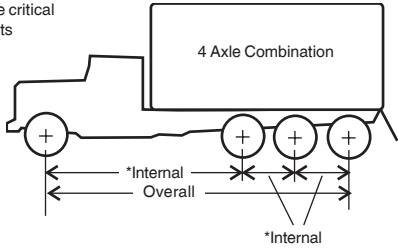
*Except that two consecutive sets of tandem axles may carry a load of 34,000 pounds each, providing the overall distance between the first and last axles of such consecutive sets of tandem axles in 36 feet or more.



Example: 24' wheelbase from axle 2 to 4 allows by table (3 axle column) 54,000 lbs. 10' wheelbase from axle 4 to 5 allows 40,000 lbs. These two examples for gross weight purposes would be determined by the internal wheelbase from axle 2 to 5. Take the total wheelbase measurement from axle 2 to 5. This would be the critical measurement as 34' from axle 2 to 5 applied to the 4 axle column would allow a gross weight of 64,500 lbs.



*Indicates the critical measurements



The distance measured between the centers of the axles is **to the nearest foot**. A distance of 39'-6" is to be measured as 40 feet.

On all highways other than the interstate system an additional 2,000 pounds may be added to the weight table, except the 80,000 pound maximum gross weight may not be exceeded.

4. **IT CAN HAVE TOO MUCH GROSS WEIGHT WITH LOAD IMPOSED ON BRIDGES POSTED WITH SIGNS MARKED AS FOLLOWS, "WEIGHT LIMIT 20 TONS"**. The amount of weight limit varies depending on the structural capability of any particular bridge. Other restriction may also apply such as speed and lane use restrictions. Also, the weight limit and other restrictions may only apply to certain vehicles such as triple axle trailers in combination with truck or tractor. (Posted bridges appear on Missouri Department of Transportation maps that depict the sections of the state highway system on which various weight, length and width limits are authorized.*

***Official MoDOT Highway Maps** showing highways on which vehicles of various lengths, widths and weights may travel as well as posted bridges for lower limits may be obtained from the Missouri Department of Transportation, Special Permits Section, Post Office Box 270, Jefferson City, Missouri, 65102; telephone (573) 751-2871 or 1-800-877-8499.

****The measurement of width will NOT include safety and energy conservation devices such as rear view mirrors, turn signal lamps, marker lamps, steps and handholds for entry and egress, flexible fender extensions, mudflaps and splash and spray suppressant devices, load-induced tire bulge, refrigeration units or air compressors and other such devices that do not by its design or use have the capability to carry cargo.**

OVERSIZE WEIGHT PERMITS - Section 304.200

Permits for vehicles with non-divisible loads exceeding maximum dimensions or weights are issued under the authority of the Chief Engineer, Missouri Department of Transportation.

SPECIAL OVERWEIGHT - OVERDIMENSION PERMIT REGULATIONS

No movement is allowed on the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (first Monday in September); Thanksgiving Day (fourth Thursday in November); and Christmas Day (December 25).

1. In the event a holiday falls on Saturday, the restriction will apply to the preceding Friday. If a holiday falls on Sunday, the restriction will apply to the following Monday. On all holidays the restriction will begin at 12:00 noon on the day preceding the holiday or the holiday weekend period.
2. All permit offices are closed on the above holidays and also closed on Martin Luther King Day (3rd Monday in January), Lincoln's Birthday (February 12), Washington's Birthday (third Monday in February), Truman's Birthday (May 8), Veteran's Day (November 11), Columbus Day (second Monday in October), and on any dated designated by the Governor as a holiday; however, movement under permit is allowed on these days.

Movements under permit must be with licensed vehicles. To obtain other Overweight and Oversize permits and information:

Motor Carrier Services
Special Permit Section
1320 Creek Trail Drive
Jefferson City, MO. 65109
(573) 751-2871 or 1-800-877-8499
www.modot.org/mcs

Questions?

ADDRESSES AND PHONE NUMBERS

**MISSOURI DEPARTMENT
OF TRANSPORTATION OFFICES**

For the Missouri Department of Transportation Office nearest you, consult your local phone directory.

STATE HIGHWAY PATROL

Troop	Headquarters	Telephone Number
A	504 SE Blue Parkway Lee's Summit 64063-4351	(816) 622-0800
B	308 Pine Crest Drive Macon 63552-1030	(660) 385-2132
C	599 South Mason Road St. Louis 63141-8550	(314) 340-4000
C*	P.O. Box 612, U.S. 67 Park Hills 63601-0612	(573) 431-0166
D	3131 East Kearney Springfield 65803-5044	(417) 895-6868
D*	4282 South Grand Avenue Carthage 64836-1484	(417) 359-1500
E	4947 Highway 67 North Poplar Bluff 63901-8719	(573) 840-9500
E*	105 Keystone Drive Sikeston 63801-5603	(573) 472-5200
F	P.O. Box 568, 2920 North Shamrock Road Jefferson City 65102-0568	(573) 751-1000
G	P.O. Box 10, Business U.S. 60-63 Willow Springs 65793-0010	(417) 469-3121
H	P.O. Box 8580, 3525 North Belt St. Joseph 64508-8580	(816) 387-2345
I	P.O. Box 128, Nagogami Road West Rolla 65402-0128	(573) 368-2345
GHQ	P.O. Box 568, 1510 East Elm Jefferson City 65102-0568	(573) 751-3313
	Commercial Vehicle Enforcement Division	(573) 526-6128

*Service Centers

Emergency Assistance
1-800-525-5555 or cellular *55

Road Condition Report
1-800-222-6400 or
(573) 526-8828

MISSOURI'S

**COMMERCIAL VEHICLE
REGULATIONS**



**SIZE AND WEIGHT
LIMITATIONS**

Welcome to Missouri!

COMMERCIAL VEHICLE ENFORCEMENT

**A DIVISION OF THE
MISSOURI STATE HIGHWAY PATROL**



An Internationally Accredited Agency

SHP-250E 7/2006